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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/510,083	10/01/2004	Chi-Ping Tseng	BA9302USPCT	4238

7590 05/16/2007
E I du Pont de Nemours and Company
Legal - Patents
4417 Lancaster Pike
Wilmington, DE 19898

EXAMINER

PRYOR, ALTON NATHANIEL

ART UNIT	PAPER NUMBER
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1616

MAIL DATE	DELIVERY MODE
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05/16/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/510,083

Applicant(s)

TSENG, CHI-PING

Examiner

Alton N. Pryor

Art Unit

1616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 February 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 25-30 is/are allowed.
- 6) ☒ Claim(s) 11-15, 18 and 22 is/are rejected.
- 7) ☐ Claim(s) 16, 17, 19-21, 23, 24 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Applicant's arguments, see papers, filed 8/23/06 and 2/15/07, with respect to the rejection(s) of claim(s) under 35 USC 102 and 103 and under election requirement have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of rejections below. The 102 and 103 rejection is overcome because applicant has amended claim 11 to recite R2 and R3 together form a saturated heterocyclic ring. This amendment removes Nakanishi as art over the application. The election requirement is withdrawn.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 11-15,18,22 are rejected under 35 U.S.C. 102(b) as being anticipated by Gall et al (Arylformamidines with Antinociceptive Properties, J. Med. Chem., 1988, 31, 1816-1820). Gall teaches a compound 3c which is identical to the instant compound of formula I where m = 1, R1 = H; R2,R3,R4 and R5 = Me; A = a direct bond;R6 = CH(Me); and R12 =CO2Et. The compound is in composition form since the compound is formulated as a reaction mixture. Note, in a claim to a composition, a statement to the composition's intended use has no patentable significance.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 11-14, 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Emura et al (JP 10095762; 01/05/98). See ABS. Emura teaches the compound ethanaimidamide N-[3-aminomethyl]-2-methylphenyl] dihydrochloride. This compound is the instant compound of formula (I) where R₁, R₄ = Me; R₂, R₃ = H; R₆ = CH₂; R₁₂ = NH₂; and m = 0. The compound taught by Emura differs from instant compound in that Emura teaches that R₁₂ is NH₂ whereas in instant claims R₁₂ can be NHCH₃ instead. Therefore Emura teaches a compound differing from instant compound by having H attached to the NH instead having Me attached to the NH. It would have been obvious at the time of Emura's invention to have made a compound having the Me instead of the H attached to the NH. One would have been motivated to do this because H and Me have similar chemical and physical properties and therefore both compounds would have been expected to yield a similar activity when applied in the same application. The compound of Emura would have obviously been placed in some sought of medium. On this basis, it is obvious that the compound would have been formulated into a composition.

Claim Objection / Allowable Subject Matter

Claims 16, 17, 19-21, 23, 24 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the

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limitations of the base claim and any intervening claims. The prior art does not teach or suggest the compound where R6 is instant C6-15 alkyl, C5-15 2-alkenyl, and silyl substituent. The prior art does not teach or suggest the combination of instant compounds with a fungicide. The prior art does not teach or suggest a method of using instant compound to control plant disease caused by fungi. Claims 25-30 are allowable. The prior art does not teach or suggest the compound where R6 is instant C6-15 alkyl, C5-15 2-alkenyl or substituted C1-C4 alkyl.

Telephonic Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alton N. Pryor whose telephone number is 571-272-0621. The examiner can normally be reached on 8:00 a.m. - 4:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Johann Richter can be reached on 571-272-0646. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read 'Alton Pryor', is written over the printed name.

Alton Pryor
Primary Examiner
AU 1616